I CLAIM:

1. A controller module responsive to input signals for controlling an electrical appliance, said controller module comprising:

a circuit unit including a control circuit adapted to be connected electrically to the electrical appliance, and a connecting seat coupled electrically to said control circuit and formed with a set of first conductive contacts;

a hollow case having an open end, said circuit unit being disposed in said case such that said connecting seat of said circuit unit is exposed from said open end of said case;

a cover member mounted detachably on said open end of said case, said cover member being formed with first and second openings, said cover member having opposite side walls, each of which has a pivot edge formed with a pivot groove, and a vertical edge, said pivot edges of said side walls confining said first opening, said vertical edges of said side walls confining said second opening, said cover member further having a bottom wall extending between said side walls and spaced apart from said pivot edges of said side walls, said connecting seat of said circuit unit being spaced apart from said vertical edges of said side walls by said bottom wall, said side walls, said bottom wall and said connecting seat cooperating to confine a block receiving space;

a terminal block mounted detachably in said block receiving space through said second opening in said cover member such that said terminal block is accessible through said second opening, said terminal block having a mounting side provided with a set of second conductive contacts that are connected electrically, respectively and removably to said first conductive contacts, an input side opposite to said mounting side and formed with a set of input insertion holes adapted for insertion of a set of external terminals so as to permit connection of the external terminals to said first conductive contacts through said second conductive contacts, respectively, and a top side formed with a set of probe insertion holes adapted for insertion of a set of test probes so as to permit connection of the test probes to said first conductive contacts through said second conductive contacts, respectively; and

a positioning member mounted pivotally on said cover member and disposed at said first opening in said cover member for positioning said terminal block on said connecting seat, said positioning member having a first plate body disposed above said top side of said terminal block and formed with a set of positioning holes that are registered with said probe insertion holes in said top side of said terminal block, respectively, and a second plate body connected to said first plate body, extending into said second opening in said cover member,

and engaging said input side of said terminal block without covering said input insertion holes, said first plate body being formed with opposite pivot posts that are pivotally retained in said pivot grooves, respectively.

2. The controller module as claimed in Claim 1, wherein each of said pivot grooves has a restricted upper neck portion and a wider lower receiving portion, each of said pivot posts being received in said lower receiving portion and having a size larger than that of said upper neck portion and smaller than that of said lower receiving portion.

3. The controller module as claimed in Claim 1, wherein said positioning member further has a third plate body with a connecting portion connected to a junction of said first and second plate bodies, and a positioning portion connected to said connecting portion and extending parallel to said second plate body, said positioning portion being formed with a set of notches registered with said input insertion holes, respectively.